DOMINO: FLOW METERS FOR SPECIAL LIQUIDS

ARD rotary piston flowmeters

For chemical liquids with viscosities up to about 10.000 mPa·s, for 15...30.000 l/h

- Nominal diameter DN 15, 20, 25, 40 and 50 mm
- Operating pressures PN 10, 16, 25 or 40
- Fluid temperatures up to 180 °C
- Modular meter concept in various materials
- Measuring error limits ±0,5 % of effective value
- For high viscosity range up to about 10.000 mPa·s
- Swiveling roller register for optimal readability
- Special-purpose calibrations for differential measurement (optional)

AMD rotary piston flowmeters

For chemical liquids with low viscosities up to about 4 mPa·s, for 140...12.000 l/h

- Nominal diameter DN 25 and 40 with flanged connections
- Operating pressure PN 25
- Fluid temperatures up to 90 °C, special versions up to 180 °C
- Measuring error limits 2 % of effective value (±5 % at lower end of measuring range)

PMD vane wheel flowmeters

Primarily for water, also for non-aggressive low-viscosity fluids up to about 4 mPa·s, for 100...20.000 l/h

- Nominal diameter DN 20, 25 and 40 with threaded connections
- Operating pressure PN 16
- Fluid temperatures up to 90 °C
- Measuring error limits ±2 % of effective value (±5 % at lower end of measuring range

Selection of commonly measured liquids for DOMINO:

- Acetic acid
- Acetone
- Animal fats
- Ammonium hydroxide
- Ammonia solutiuon
- Bromium hydroxide
- Bromic acid
- Butyl acetate
- Acetic butyl ester
- Chloroform
- Trichloromethane
- Citric acid
- Diethylene glycol
- Distilled water
- Ethyl acetate
- Acetic ether
- Acetic ester
- Ethyl alcohol
- Alcohol
- Ethanol
- Ethyl ethylene
- Ethylene
- Diethyl ethylene
- Ethylene glycol
- Formaldehyde solution
- Formic acid
- Glycerine
- Hexine
- Hydrochloric acid
- Hydrofluoric acid
- Hydrogen peroxide
- Hydrogen superoxide
- Isopropyl ether
- Di-isopropyl ether
- Isopropyl alcohol
- Propyl alcohol
- Kerosine
- Petroleum
- Liquid ammonia
- Liquid bromium
- Liquid butane
- Magnesium sulphate
- Methanol
- Methyl alcohol
- Methylene chloride
- Dichloromethylene
- Methyl ethyl ketone
- Molasses (without urea)
- Nitric acid
- Paraffin
- Perchloroethylene
- Tetrachloroethylene
- Phosphoric acid
- Potassium hydroxide
- Caustic potash
- Propionic acid
- Prussic acid
- Pure benzol
- Sodium chloride solution
- Brine
- Sodium hydroxide
- Caustic soda solution
- Sodium hypochlorite solution
- Javelle water
- Sulfocarbonic acid
- Sulphuric acid
- Tar
- Pitch
- Tetrachloromethane
- Carbon tetrachloride
- Toluene
- Trichloroethylene (dry)
- Vegetable oils

BRAUN HZ FUEL

HZ3

Flow rate range	0,18 … 12 l/h
Maximum flow rate	30 l/h (25 kg/h)
Display range	0,01 l … 99999,99 l
Measuring accuracy	±1 %
Nominal pressure	6 bar
Pressure loss	0,05 bar … 0,1 bar
Heating oil type	EL according to DIN 51603
Temperature range/ ambient temperature	–5°C … +70°

HZ5

Flow rate range	0,7 … 40 l/h (0,6 … 34 kg/h)
7 kW … 400 kW	
Reading option on the oil meter	0,01 l … 99999,98 l
Measuring accuracy	± 1 %
Nominal pressure	25 bar
Pressure loss	0,05 bar … 0,2 bar
Type of heating oil	EL nach DIN 51603
Temperature range / ambient temperature	–5°C … +70°C

HZ6

Flow rate range	1 … 60 l/h (0,8 … 50,4 kg/h)
Burner capacity	10 kW … 600 kW
Reading option on the oil meter	0,01 l … 99999,98 l
Measuring accuracy	± 1 %
Rated pressure	25 bar
Pressure drop	0,05 bar … 0,2 bar
Types of heating oil	EL nach DIN 51603
Temperature range / ambient temperature	–5°C … +70°C